ABSTRACT

The present invention relates to determination of the nucleotide sequence of coding region of cyclic lipopeptide acylase, determination of the full-length amino acid sequence of the acylase, an expression vector containing a gene encoding the enzyme, and a method for producing cyclic lipopeptide acylase by expression of the expression vector in a host cell. According to the present invention, the use of the transformant having the same level of activity as does an acylase obtained by culturing a conventional cyclic lipopeptide acylase producing bacteria, which is obtained by genetic engineering has made it possible to shorten the time necessary for culture (time necessary for producing cyclic lipopeptide acylase).